

MATHS WORKSHEET: Around Minimalism

Secondary: Key Stages 3 & 4

WHERE TO GO:
Level 5: Room 3
'Around Minimalism' in the
Idea and Object wing

WHAT TO DO

To answer the questions on the first two pieces of art you will need to make some measurements. Take great care when doing this, it is important not to touch the pieces.

There are spaces in each box to show your workings outW

Carl Andre *Steel Zinc Plain* 1969

How has Andre arranged his 144 magnesium squares? By measuring the dimensions of one square calculate the total surface area of the piece.

Carl Andre *Equivalent VIII* 1966

If the dimensions of a firebrick are 65 x 115 x 230mm, what are the dimensions of the cuboid that Andre has arranged? What is the volume of this cuboid?

Robert Morris *Untitled*, 1965/71

(4 mirrored cubes)

If the length of one of the edges of the cubes is 0.916m, what is the total volume of the four cubes combined?

$$35 \div 256 \times 2 \quad 7 \quad \sqrt{7} = \sqrt{7} \quad 4^4$$